

State Water Resources Control Board

REVIEW SUMMARY REPORT – ADDITIONAL WORK FOURTH REVIEW – NOVEMBER 2019

Case Information

Cleanup Fund (Fund) Claim No.: 1498	GeoTracker Global ID: T0609300118
Site Name: Steve's Mobil	Address (Site): 118 Diggles Street Etna, CA 96027
Responsible Party (RP): Steve Farrington	Address (RP): PO Box 1506 Callahan, CA 96014
Claimant: Stephen R. Farrington	Address (Claimant): Same as RP
Fund Expenditures to Date: \$749,325	Number of Years Case Open: 28
Fund Budget Category: CAP/REM – Corrective Action Plan/Remediation	

Agency Information

Agency Name: North Coast Regional Water Quality Control Board (Regional Water Board)	Address: 5550 Skylane Boulevard, Suite A Santa Rosa, CA 95403
Agency Caseworker: Cody Walker	Case No.: 1TSI159

This Review Summary Report is based on documents available in GeoTracker. To view the public documents for this case available in GeoTracker, use the following URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609300118

Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case does not meet all of the required criteria of the Policy. Highlights of the case follow:

This Site is a former commercial petroleum fueling facility and is currently a vacant lot with an unoccupied former service station building. An unauthorized release was reported in October 1991 following the removal of three gasoline USTs. Approximately 1,900 cubic yards of petroleum impacted soil excavated during excavations conducted in 1991, 1996, and 1997. An ozone injection pilot test conducted at the Site between August 2014 and December 2014 injected approximately 125 pounds of ozone into groundwater during the pilot test. Ozone injection conducted between January 2016 and September 2019 for a

total of 32,840 hours injecting approximately 1,882 pounds of ozone into groundwater. Since 1993, 13 groundwater monitoring wells have been installed and regularly monitored and four groundwater monitoring wells have been destroyed. According to groundwater data, water quality objectives (WQOs) have not been achieved.

The petroleum release is limited to the soil and shallow groundwater. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the contaminated groundwater will be used as a source of drinking water in the foreseeable future.

Rationale for Closure under the Policy

General Criteria

- Site **meets all eight General Criteria** under the Policy.

Media-Specific Criteria

- Groundwater: Site does not meet the criteria because the contaminant plume that exceeds WQOs is greater than 100 feet in length and the nearest surface water is an irrigation ditch (with water diverted from Etna Creek), located approximately 400 feet southeast from the Site.
- Petroleum Vapor Intrusion to Indoor Air: Site does not meet criteria because inadequate shallow soil and soil vapor data are available in GeoTracker to assess petroleum vapor intrusion to indoor air risk.
- Direct Contact and Outdoor Air Exposure: Site does not meet criteria because inadequate benzene, ethylbenzene, and naphthalene shallow soil data are available in GeoTracker to assess direct contact and outdoor air exposure risk.

Recommendation

Based on this Review Summary Report the following data gaps were identified:

- Site does not meet the groundwater criteria. State Water Board staff concur with Regional Water Board staff that the RP should conduct/resume ozone sparging through the 2019/2020 wet season followed by necessary verification monitoring.
- Site does not meet the petroleum vapor intrusion to indoor air criteria. Additional soil vapor assessment as required by the Policy is necessary.
- Site does not meet the direct contact and outdoor air exposure criteria. Additional shallow soil assessment is necessary.

Data for the Site is not being uploaded to GeoTracker regularly. Cleanup Fund reimbursements may be jeopardized if Site documents and data are not uploaded to GeoTracker by the date the reports are due to the North Coast Regional Water Quality Control Board.

State Water Board staff recommend that the claimant consider volunteering this case for the Expedited Claim Account Program (ECAP). The ECAP staff collaborate with the lead agency staff, the claimant, and the consultant to develop a path to closure that makes the most efficient use of the remaining funds available for this claim. Contact the ECAP Unit Chief, Caryl Sheehan at caryl.sheehan@waterboards.ca.gov to request additional information or to participate in ECAP.

The recommended future Fund budget category for this claim is CAP/REM – Corrective Action Plan/Remediation.

Signed by Kirk Larson, Professional Geologist #6535 on 11/07/2019
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